Figures 7A-7B. Electrostatic and carbohydrate surfaces of homology-modeled receptor SCF and (Fig. 7A) Electrostatic surface of SCF and worm of D2D3(Kit). (Fig. 7B) Electrostatic surface of Kit and worm of SCF. Negative potential is colored red and positive potential, blue, with greatest saturations at -10 and +10kT, respectively. Carbohydrate moieties are represented by CPK models of a β -D-N-acetylglucose (green for moieties and yellow for potential Kit moieties. Figures were drawn by the program GRASP (Nicholls et al., 1991).

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Figures X-ray crystallographic coordinates of 8-1 to 8-76. truncated stem cell factor molecule comprising amino acids 1-141 of a human SCF polypeptide.

Figure 9. Suggested renaming of the waters of the X-ray crystallographic coordinates set forth in Figure 8.

Pigures

Design for a double-headed SCF ligand

analog.(10A) General model (10B) Embodiment

of the ligand head as an oligopeptide. The

compound is the conjugation of a linker

molecule with two ligand-head molecules.

Each ligand head